

ABSTRACT OF THE DISCLOSURE

A transmission apparatus used for forming a network that supports a bidirectional ring switching capability is provided, in which the

5 transmission apparatus includes: a detecting part for detecting a ring switching request from a received signal; an obtaining part for obtaining an identifier of a transmission apparatus included in the ring switching request, and obtaining

10 concatenation setting information corresponding to the identifier; and a setting part for making concatenation setting for a protection line according to the concatenation setting information.